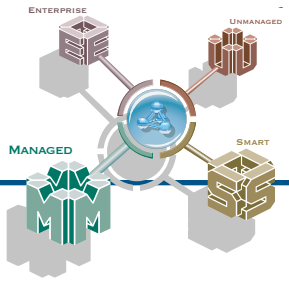
SMC Networks

Managed Switch

SMC6152L2

TigerSwitch 10/100 Standalone 48-port 10/100 Managed Layer 2 Switch with 4 x Gigabit combo ports



OVERVIEW

The SMC6152L2 provides wire speed 10/100 Fast Ethernet switching with features specifically designed for SMB workgroup environments. The switch has 4 built in Gigabit ports providing enhanced uplink capabilities. An integrated part of this switch family is the IP Clustering function. The feature allows customers to group together up to 32 switches into a single logical group which can be managed using a single IP address. The switch features advanced Quality of Service features that can reduce the latency of packets through the network, with specific traffic prioritization improving the delivery of converged data such as voice and high quality video over IP. Other standard features included are Spanning Tree and IGMP for protecting your network against loops and managing your IP multicasts enhances the productivity and problem free networking. The gigabit ports are 4 Combo gigabit ports (RJ-45/SFP). Overall this switch is part of flexible switch family which brings PoE and non-PoE switches to the edge of the network.

FEATURES	BENEFITS
High port density in a small footprint	Supports 48*10/100Mbps with 4*Gigabit ports ports in an 1RU chassis
Supports IP Clustering	IP Clustering allows up to 32 units to be managed from a single IP address
VLAN with GVRP	Support VLANs based on frame tags or ports, plus support for automatic GVRP LAN registration
IGMP Snooping	Only allows IP Multicast traffic transmission to the registered members, resulting bandwidth savings--reduce IP multicast traffic and increase LAN performance
MultiLink Trunking with LACP	Can group links between switches to provide higher bandwidth connections on both 10/100 and Gigabit
Comprehensive security support	Currently supports RADIUS, IEEE802.1x, SSH, SSL, TACACS+, ACL

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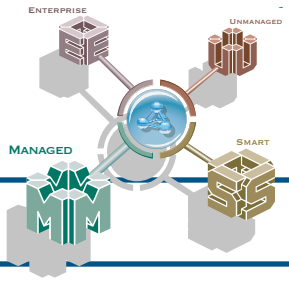
TECHNICAL SPECIFICATIONS SMC6152L2



PORTS
- 48 10/100BASE-T ports
- 4 Gigabit combo ports (RJ-45/SFP)
- 1 Console port

NETWORK INTERFACE
- 10/100 BASE-T ports
- 10/100/1000 BASE-T ports
- SFP Transceiver slots supporting SX, LX and ZX SFP
- Multimode fiber cable; 62.5/125 or 50/125 microns
- Singlemode fiber cable: 9/125 micron

SWITCHING FABRIC
- 17.6Gbps
- 13Mpps

BUFFER ARCHITECTURE
- 4Mbits

SWITCHING DATABASE
- 8K MAC address entries

LED
- System: Power, Diag
- Ports: Link/activity

TEMPERATURE
- Operating: 0 to 40 °C/32 to 104 °F
- Storage: -40 to 70 °C/-40 to 158 °F

HUMIDITY
- Operating: 10% to 90% (non-condensing)

WEIGHT
- 3.15Kg
- 6.94lbs

DIMENSIONS
- 44 x 17.1 x 23 cm
- 17.3 x 6.7 x 9.055 in

AC INPUT
- 100 to 240 V, 50-60 Hz, 1A

POWER SUPPLY
- Internal, auto-ranging transformer: 100 to 240 VAC, 50 to 60 Hz

POWER CONSUMPTION
- 30 Watts maximum

MAXIMUM CURRENT
- 0.25 A @ 115 VAC
- 0.12 A @ 230 VAC

MTBF
- 8 Years

SWITCH FEATURES
- Spanning Tree Protocol (802.1D, .1w)
- Forwarding Mode
  - Store-and-forward
- VLAN Support
  - Up to 255 groups; port-based or with 802.1Q
  - VLAN tagging, GVRP for automatic VLAN learning
  - 802.1v (Protocol based Vlans)
  - Private vlan support
- Quality of Service
  - Supports 4 levels of priority with flexible classification and prioritization
  - Per port bandwidth management
- MultiLink Trunking (LACP)
  - 8 groups of up to 8 ports
- Port Mirroring
- IEEE 802.1x
- L2/L3/L4 access control lists
- TACACS+ client authentication
- HTTPS and SSL
- SSH for Telnet sessions
- Static port security
- Jumbo Frame support (on gigabit ports)
- Dual firmware images
- Multiple configuration files support

MANAGEMENT FEATURES
- In-Band Management
  - Telnet, SLIP, Web-based HTTP, or SNMP manager
- Out-of-Band Management
  - RS-232 DB-9 console port
- Software Loading
  - TFTP in-band or Xmodem out-of-band
- MIB Support
  - MIB II (RFC 1213), Bridging MIB (RFC 1493), Ethernet-Like MIB (RFC 2665), Bridge MIB Extensions (RFC 2764), RMON MIB (RFC 1757), RFC 2737, RFC 2742, RFC 2021, RFC 2863, RFC 2618, SMC's private MIB

STANDARDS
- IEEE802.3 Ethernet, IEEE802.3u Fast Ethernet
- IEEE802.1D Spanning Tree Protocol and traffic priorities
- IEEE802.1p Priority tags
- IEEE802.1Q VLAN
- IEEE802.1ac VLAN tagging
- IEEE802.1ad Link aggregation control protocol
- IEEE802.1w Rapid Spanning Tree
- IEEE802.1v Protocol Based Vlans

RMON SUPPORT
- Groups 1,2,3, 9 (Statistics, History, Alarm, Event)

ISO
- IEC8802.3

COMPLIANCES
- CE Mark
- Emissions
- FCC Class A
- Industry Canada Class A
- EN55022 (CISPR 22) Class A
- EN 61000-3-2/3
- VCCI Class A
- Immunity
  - EN 61000-4-2/3/4/5/6/8/11

SAFETY
- UL / CUL (UL 60950-1, CSA 22.2 NO60950-1)
- TUV/GS (EN60950-1)
- CB (IEC60950-1)

WARRANTY
- Limited lifetime

SLIDE-IN TRANSCEIVERS FOR COMBO PORTS

SMC1GSFP-SX
- 1G SX SFP Transciever, 550M, Multimode fiber

SMC1GSFP-LX
- 1G LX SFP Transciever, 10Km, Singlemode fiber

SMC1GSFP-ZX
- 1G LH SFP Transciever, 70Km Singlemode fiber

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